

WHAT IS CLAIMED IS:

1. A stored image delivery method for delivering a stored image via a network in response to a request from a receiving terminal, comprising:

acquiring information concerning color properties of said receiving terminal;

color-converting said stored image into an image in accordance with said color properties of said receiving terminal based on said acquired information; and
delivering said color-converted stored image to said receiving terminal.

2. A stored image delivery method, comprising:

receiving stored image selection information and receiving terminal attribute information from a WWW server;

using an output profile corresponding to said attribute information of said receiving terminal to convert a stored image into a converted image in accordance with color properties of said receiving terminal;

storing said converted image in a cache; and

notifying said WWW server of one of either positional information of said converted image stored in said cache or positional information of an HTML file linked with said converted image.

3. The stored image delivery method according to Claim 2, wherein said output profile includes at least one combined attribute selected from the group consisting of colorimetric value, gamma coefficient, single-dimensional lookup

table, three-dimensional lookup table, illumination information, color coordinate system converting equation, and output device ID.

5 4. The stored image delivery method according to Claim 2, wherein an image that has already been color-converted and stored in said cache is diverted and color conversion is omitted.

10 5. The stored image delivery method according to Claim 3, wherein an image that has already been color-converted and stored in said cache is diverted and color conversion is omitted.

15 6. The stored image delivery method according to Claim 2, wherein said receiving terminal uses attribute information that has been saved in said receiving terminal during previous access to said WWW server.

20 7. The stored image delivery method according to Claim 2, wherein attribute information of said receiving terminal describes an actual type of said receiving terminal itself, said actual type being selected from a list in an HTML file that said receiving terminal has downloaded from said WWW server.

8. The stored image delivery method according to Claim 2, further comprising:

comparing a device color reproduction range of said input device that has created said stored image with a terminal color reproduction range of said receiving terminal; and

switching said color converting method.

9. A stored image delivery method, comprising:

receiving stored image selection information and receiving terminal attribute information from a WWW server;

5 converting said stored image into a converted image in accordance with color properties of a receiving terminal by using an input profile relating to an input device which has created said stored image and an output profile corresponding to said receiving terminal attribute information;

storing said converted image in a cache; and

10 notifying said WWW server of one of either positional information of said converted image stored in said cache or positional information of an HTML file linked with said converted image.

15 10. The stored image delivery method according to Claim 9, wherein said output profile includes at least one combined attribute selected from the group consisting of colorimetric value, gamma coefficient, single-dimensional lookup table, three-dimensional lookup table, illumination information, color coordinate system converting equation, and output device ID.

20 11. The stored image delivery method according to Claim 9, wherein an image that has already been color-converted and stored in said cache is diverted and color conversion is omitted.

12. The stored image delivery method according to Claim 10, wherein an image that has already been color-converted and stored in said cache is diverted and color conversion is omitted.

5 13. The stored image delivery method according to Claim 9, wherein said receiving terminal uses attribute information that has been saved in said receiving terminal during previous access to said WWW server.

10 14. The stored image delivery method according to Claim 9, wherein attribute information of said receiving terminal describes an actual type of said receiving terminal itself, said actual type being selected from a list in an HTML file that said receiving terminal has downloaded from said WWW server.

15 15. The stored image delivery method according to Claim 9, further comprising:

comparing a device color reproduction range of said input device that has created said stored image with a terminal color reproduction range of said receiving terminal; and

switching said color converting method.

16. A recording medium in which, in a readable manner, programs are recorded according to steps comprising:

20 delivering a stored image via a network in response to a request from a receiving terminal;

acquiring information concerning color properties of said receiving terminal;

color-converting said stored image into a converted image in accordance with said color properties of said receiving terminal based on said acquired information; and

delivering said converted image to said receiving terminal.

17. A stored image delivery device comprising:

a WWW server;

an image recording means for recording an image to be stored;

an output profile recording means for recording an output profile corresponding to attribute information of a receiving terminal;

a color converting means for converting said image into a converted image in accordance with color properties of said receiving terminal and outputting said converted image;

an output image cache for storing said converted image outputted from said color converting means; and

a server input/output control means, which receives stored image selection information and receiving terminal attribute information from said WWW server, outputs said stored image selection information and said receiving terminal attribute information to said color converting means, and notifies said WWW server of one of either positional information of the output image in said output image cache outputted from said color converting means or positional information of an HTML file linked with said converted image.

18. The stored image delivery device according to Claim 17, wherein said output profile includes at least one combined attribute selected from the group consisting of colorimetric value, gamma coefficient, single-dimensional lookup table, three-dimensional lookup table, illumination information, color coordinate system converting equation, and output device ID.

19. The stored image delivery method according to Claim 17, wherein an image that has already been color-converted and stored in said cache is diverted and color conversion is omitted.

20. The stored image delivery method according to Claim 18, wherein an image that has already been color-converted and stored in said cache is diverted and color conversion is omitted.

21. The stored image delivery method according to Claim 17, wherein said receiving terminal uses attribute information that has been saved in said receiving terminal during previous access to said WWW server.

22. The stored image delivery method according to Claim 17, wherein attribute information of said receiving terminal describes an actual type of said receiving terminal itself, said actual type being selected from a list in an HTML file that said receiving terminal has downloaded from said WWW server.

23. The stored image delivery method according to Claim 17, further comprising:

comparing a device color reproduction range of said input device that has created said stored image with a terminal color reproduction range of said receiving terminal; and

switching said color converting method.

24. A stored image delivery device comprising:

a WWW server;

an image recording means for recording an image to be stored;

an input profile recording means for recording an input profile corresponding to said image of said image recording means;

an output profile recording means for recording an output profile corresponding to attribute information of said receiving terminal;

a color converting means for converting said image into a converted image in accordance with color properties of said receiving terminal by using said input profile and said output profile;

an output image cache for storing said converted image outputted from said color converting means; and

a server input/output control means, which receives image selection information and receiving terminal attribute information from said WWW server, outputs said image selection information and said receiving terminal attribute information to said color converting means, and notifies said WWW server of one of either positional information of said converted image in said output image cache outputted from said color converting means or positional information of an HTML file linked with said converted image.

25. The stored image delivery method according to Claim 24, wherein said output profile includes at least one combined attribute selected from the group consisting of colorimetric value, gamma coefficient, single-dimensional lookup table, three-dimensional lookup table, illumination information, color coordinate system converting equation, and output device ID.

26. The stored image delivery method according to Claim 24, wherein an image that has already been color-converted and stored in said cache is diverted and color conversion is omitted.

27. The stored image delivery method according to Claim 25, wherein an image that has already been color-converted and stored in said cache is diverted and color conversion is omitted.

28. The stored image delivery method according to Claim 24, wherein said receiving terminal uses attribute information that has been saved in said receiving terminal during previous access to said WWW server.

29. The stored image delivery method according to Claim 24, wherein attribute information of said receiving terminal describes an actual type of said receiving terminal itself, said actual type being selected from a list in an HTML file that said receiving terminal has downloaded from said WWW server.

30. The stored image delivery method according to Claim 24, further comprising:

comparing a device color reproduction range of said input device that has created said stored image with a terminal color reproduction range of said receiving terminal; and

switching said color converting method.